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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/696,703	10/29/2003	Eric C. Hannah	070702006210	7551
7590	11/21/2006			EXAMINER RODRIGUEZ, JOSEPH C
Raj S. Dave Morrison & Foerster LLP Suite 300 1650 Tysons Blvd. McLean, VA 22102			ART UNIT 3653	PAPER NUMBER
DATE MAILED: 11/21/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/696,703	HANNAH, ERIC C.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Joseph C. Rodriguez	3653	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.  
 2a) This action is **FINAL**.                  2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 19-30 is/are pending in the application.  
 4a) Of the above claim(s) 19-30 is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) \_\_\_\_\_ is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 29 October 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |                                                                                      |                                                                   |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____                                                          | 6) <input type="checkbox"/> Other: _____                          |

***Final Rejection***

Applicant's arguments filed 9/18/06 have been fully considered but they are not persuasive for reasons detailed below.

The rejections are maintained or modified as follows:

The previously applied rejections are moot as Applicant has cancelled the previously elected claim grouping of claims 9-18.

***Response to Arguments***

Applicant's argument that the pending claims in the application are in condition for allowance is unpersuasive. Here, it is respectfully noted that Applicant has cancelled the previously elected *and examined* claim grouping with the 9/18/06 amendment and the currently pending claim set was previously withdrawn and has not been examined. Further, the previous election was *made without traverse* and the Office generally does not permit a shift in election, especially after the elected claim grouping has been examined. See MPEP 819. Consequently, Applicant is advised to abandon the instant application and file a continuation to have the withdrawn claim set properly examined.

Applicant's arguments with regards to the previously made rejection of claims 9-18 and the validity of the US patent 6,835,911 are also unpersuasive. Here, although the question of patentability of the instant claim set have been rendered moot by Applicant's cancellation of the claims in question, it should be noted that Applicant's

arguments to the contrary are regarded as unpersuasive. That is, claims 9-18 would still stand rejected for the reasons previously stated as the prior art reference is capable of being adjusted (i.e., tuned substantially to a resonant condition) to a broad range of frequencies. Consequently, if the claims in question had not been cancelled, the claims in question would stand rejected.

Here, it is further noted that it would be premature to comment on issues occurring during reexamination, Examiner merely wished to clarify the record as to the patentability of the now cancelled claim set.

***Election/Restrictions***

Claims 19-30 stand withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected claim grouping. Election was made **without** traverse.

Examiner has maintained the prior art rejections, statutory rejections and drawing objections as previously stated and as modified above. Applicant's amendment necessitated any new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Conclusion***

Any references not explicitly discussed above but made of record are considered relevant to the prosecution of the instant application.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Joseph C Rodriguez** whose telephone number is **571-272-6942** (M-F, 9 am – 6 pm, EST). The Supervisory Examiner is Patrick Mackey, **571-272-6916**.

The **Official** fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

The examiner's **UNOFFICIAL Personal fax number** is **571-273-6942**.

Further, information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.

Status information for published applications may be obtained from either Private PMR or Public PAIR. Status information for unpublished applications is available through Private PMR only.

Art Unit: 3653

For more information about the PAIR system, see

<http://pair-direct.uspto.gov>

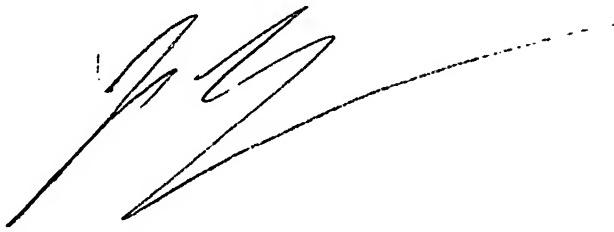
Should you have questions on access to the Private PMR system, contact the  
Electronic Business Center (EBC) at **866-217-9197** (Toll Free).

Signed by Examiner Joseph Rodriguez

Jcr

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November 18, 2006

A handwritten signature in black ink, appearing to read "Joseph Rodriguez". It is written in a cursive style with a long horizontal line extending from the end of the signature.